

**Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only**

EFS ID: **13244**

Application ID: **09683303**

Title of Invention: **FLIP-CHIP PACKAGE WITH  
UNDERFILL DAM THAT  
CONTROLS STRESS AT CHIP  
EDGES**

First Named Inventor: **Robert Hilton**

Domestic/Foreign Application: **Domestic Application**

Filing Date: **null**

Effective Receipt Date: **2001-12-11**

Submission Type: **Utility Patent Filing**

Filing Type: **new-utility**

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Attorney Docket Number: **MTB001US**

Digital Certificate Holder: **cn=David T. Millers, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US**

Certificate Message Digest: **Sbg93L6ztdnhiDqV679VBQ==**

Total Fees Authorized: **\$1040.0**

Payment Category: **DA – Deposit Account**

Deposit Account Number: **501767**

Deposit Account Name: **David T. Millers**

# TRANSMITTAL FORM

JG930 U.S. PRO  
09/683303  
12/11/01



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

MTB001US

Submission Type: Utility Patent  
Filing

## FLIP-CHIP PACKAGE WITH UNDERFILL DAM THAT CONTROLS STRESS AT CHIP EDGES

First Named Inventor: Robert Hilton

### SUBMITTED BY

Name: David T. Millers  
Registration Number: 37,396  
Electronic Signature Mark: dtm Date Signed: 20011211

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	mtb001usdecpl.tif
declaration	mtb001usdecpl2.tif
specification	MTB001USSPEC.xml

bibd-transmittal MTB1SUBapds.xml  
fee-transmittal MTB1SUBfee.xml

**Attached Image File(s):**

mtb001usdecp1.tif  
mtb001usdecp2.tif

### Comments:

DECLARATION FOR PATENT APPLICATION  
AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name:

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of subject matter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed a for which a patent is sought by way of the United States patent application entitled

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which (check)

is attached hereto.  
 and is amended by the Preliminary Amendment attached hereto.  
 was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) concerning any foreign application(s) for patent or inventor's certificate or any PCT international application designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Prior Foreign Application(s)			
Number	Country	Filing Date (MM/DD/YYYY)	Priority Claimed
N/A			

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date
N/A	

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the

Attorney Docket No.: MTB001U

filng date of the prior application(s) and the national or PCT international filing date of this application:

Application Serial No.	Filing Date (MM/DD/YYYY)	Status (patented, pending, abandoned)
N/A		

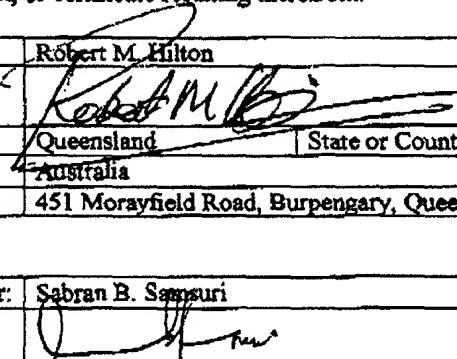
I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

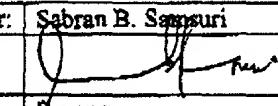
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I declare that all statements made herein of my own knowledge are true, all statements made herein on information and belief are believed to be true, and all statements made herein are made with the knowledge that whoever, in any matter within the jurisdiction of the Patent and Trademark Office, knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be subject to the penalties including fine or imprisonment or both as set forth under 18 U.S.C. 1001, and that violations of this paragraph may jeopardize the validity of the application or this document, or the validity or enforceability of any patent, trademark registration, or certificate resulting therefrom.

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Inventor's Signature:			Date: 12-8-01
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# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1040**

**The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:**

Deposit Account Number: 501767



Deposit Account Name: Patent Law Offices of David Millers

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: David T. Millers

Electronic Signature Mark: dtm

Date Signed: 20011211

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 17	103	\$ 18	0	\$ 0
Independent Claims: 2	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Publication Fee For Early or Voluntary Publication		1	195	\$ 300	\$ 300

Subtotal For Additional Fees: \$ 300

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